

2016 Renewable Energy for Washington Qualifying Utilities

Utility	Average Load 2014-2015 (MWh)	9% Renewable Target for 2016 (MWh)	Qualifying Renewables for 2016 (MWh)	Qualifying Renewables for 2016 (% of Load)	Incremental Cost of Renewable Energy and RECs (% of Revenue Requirement)
Avista	5,708,992	513,809	541,122	9.5%	1.1%
Benton PUD	1,759,672	158,370	158,370	9.0%	2.8%
Chelan PUD	1,568,775	141,190	141,190	9.0%	0.0%
Clallam PUD	610,897	54,981	54,981	9.0%	0.6%
Clark Public Utilities	4,345,421	391,088	167,273	3.8%	4.0%
Cowlitz PUD	5,044,915	454,042	454,044	9.0%	2.2%
Grant PUD	4,361,296	392,517	392,517	9.0%	0.8%
Grays Harbor PUD	899,091	80,918	81,000	9.0%	1.0%
Inland Power	851,652	76,649	76,649	9.0%	0.9%
Lewis PUD	896,082	80,647	80,647	9.0%	3.4%
Mason PUD #3	622,825	56,054	56,054	9.0%	2.9%
Pacific Power	4,112,958	370,166	370,166	9.0%	0.8%
Peninsula Light	561,803	50,562	50,562	9.0%	0.4%
Puget Sound Energy	20,539,357	1,848,542	1,936,016	9.4%	1.4%
Seattle City Light	9,249,039	832,414	832,415	9.0%	3.5%
Snohomish PUD	6,480,546	583,249	1,090,500	16.8%	5.8%
Tacoma Power	4,658,642	419,278	561,525	12.1%	1.1%
Total	72,271,960	6,504,476	7,045,031	9.7%	2.2%

Note:

Clark Public Utilities and Snohomish PUD intend to comply under the 4% incremental cost cap provision.

Source: Utility reports submitted June 1, 2016. Available at:

<http://www.commerce.wa.gov/EIA>

Prepared 6/29/16

2016 Renewable Resources and RECs by Resource Type

Eligible Renewable Resource	Energy (MWh)	RECs	Total	Percent of Total
Water	873,355	NA	873,355	12%
Wind	1,185,947	3,846,482	5,032,429	71%
Solar	-	8,180	8,180	0%
Geothermal	-	75,357	75,357	1%
Landfill Gas	-	121,415	121,415	2%
Wave, Ocean, Tidal	-	-	-	0%
Gas from Sewage Treatment	-	17,500	17,500	0%
Biodiesel Energy	-	-	-	0%
Biomass Energy	33,163	246,221	279,384	4%
Qualified Biomass Energy	-	288,970	288,970	4%
Total Electric Generation	2,092,465	4,604,125	6,696,590	
Multiplier Factors				
Apprentice Labor	59,178	179,210	238,387	3%
Distributed Generation	NA	110,053	110,053	2%
Total Multipliers	59,178	289,263	348,440	
Total Generation and Multipliers	2,151,643	4,893,388	7,045,031	100%

Note:

Qualified Biomass Energy is a new form of eligible renewable energy in 2016. It is from generating units that commenced operation before 1999.

Source: Utility reports submitted June 1, 2016. Available at:

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Prepared 6/29/16

Revised 8/26/16 (corrected Cowlitz PUD amounts for biomass and qualified biomass)

2014-2015 Conservation Targets and Acquisitions					2016-17 Conservation Target (MWh)
Utility	2014-15 Conservation Target (MWh)	2014 Conservation Acquired (MWh)	2015 Conservation Acquired (MWh)	2014-15 Conservation as a Percent of Target	
Avista	97,204	55,185	46,171	104%	82,477
Benton PUD	23,740	20,885	17,076	160%	17,257
Chelan PUD	18,221	15,044	17,108	176%	14,542
Clallam PUD	12,089	6,453	11,699	150%	7,008
Clark Public Utilities	87,863	71,577	70,277	161%	67,802
Cowlitz PUD	57,150	98,427	59,957	277%	41,260
Grant PUD	34,251	20,132	16,324	106%	26,718
Grays Harbor PUD	12,702	12,182	12,232	192%	6,482
Inland Power	9,110	5,943	6,662	138%	6,658
Lewis PUD	11,563	7,042	12,063	165%	5,519
Mason PUD #3	5,791	7,808	5,630	232%	3,428
Pacific Power	89,016	58,081	53,077	125%	93,059
Peninsula Light	5,729	6,748	5,592	215%	4,767
Puget Sound Energy	621,120	388,025	275,097	107%	605,194
Seattle City Light	207,437	186,516	160,557	167%	224,431
Snohomish PUD	116,508	116,310	108,759	193%	122,990
Tacoma Power	70,956	61,799	66,137	180%	81,993
Total	1,480,450	1,138,157	944,419	141%	1,411,584

Source: Utility reports submitted June 1, 2016. Available at:

<http://www.commerce.wa.gov/EIA>

Prepared 6/29/16

Revised 8/9/2016 (Avista, Pacific Power, and PSE submitted revised conservation reports)

Revised 8/26/2016 (Cowlitz PUD submitted revised conservation potential and conservation target.)

2014-15 Conservation Acquisitions by End Use Sector

Utility	Residential	Commercial	Industrial	Agricultural	NEEA	Distribution	Other
Avista	35%	34%	0%	0%	30%	1%	0%
Benton PUD	20%	14%	14%	7%	46%	0%	0%
Chelan PUD	28%	21%	15%	0%	35%	0%	0%
Clallam PUD	53%	9%	0%	0%	30%	7%	0%
Clark Public Utilities	29%	14%	24%	0%	33%	0%	0%
Cowlitz PUD	5%	7%	60%	0%	28%	0%	0%
Grant PUD	9%	12%	52%	27%	0%	0%	0%
Grays Harbor PUD	12%	12%	30%	0%	46%	0%	0%
Inland Power	29%	21%	0%	5%	45%	0%	0%
Lewis PUD	16%	24%	12%	1%	47%	0%	0%
Mason PUD #3	19%	34%	0%	0%	46%	0%	0%
Pacific Power	40%	22%	24%	2%	11%	0%	0%
Peninsula Light	38%	15%	0%	0%	47%	0%	0%
Puget Sound Energy	43%	36%	4%	0%	14%	0%	3%
Seattle City Light	29%	32%	13%	0%	26%	0%	0%
Snohomish PUD	29%	28%	10%	0%	34%	0%	0%
Tacoma Power	20%	33%	10%	0%	36%	0%	0%
Total	31%	28%	14%	1%	25%	0%	1%

Source: Utility reports submitted June 1, 2016. Available at:

<http://www.commerce.wa.gov/EIA>

Prepared 6/29/16

Revised 8/9/2016 (Avista, Pacific Power, and PSE submitted revised conservation reports)